

# Core & Coil (71A) MH ~GT~ 450W

## CORE & COIL HID MH BAL 1500W M48 480V KIT

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

### Product data

General Information			
ANSI Code	M48	Input Frequency	60 Hz
Lamp Type	1500W MH	Inp. Current (Open Circuit)	1.56 A
Number of Lamps	1 piece/unit	Input Current (Starting)	2.94 A
Circuit Type	CWA	Input Current (Short Circuit)	2.41-3.62 V
Ballast Type	Magnetic HID	Secondary Short Circuit Current	7.4-9 A
Base Model	71A6742A	Constant Wattage Deviation	12%
Core Size	4 1/4 x 6	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Nominal Open Circuit Voltage	460 V
Ignitor Temperature Rating	NA	Input Current (Operating) (Nom)	3.43 A A
Capacitor Value	32 MFD	Input Power (Nom)	1610 W
Capacitor Catalog Number	MD3202100	Rated Lamp Watts	1500 W
Capacitor Requirements	525V	Wiring	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	2 in	Wire Length by Color	12"
Capacitor Height	3.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Input Voltage	480 V	Recommended Fuse Value	10 A

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### Approval and Application

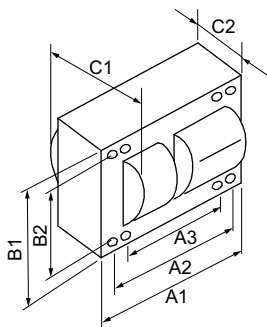
Open Circuit Voltage Test (Volts)	414-506 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029E

### Product Data

Order product name	CORE & COIL HID MH BAL 1500W M48 480V KIT
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EAN/UPC - Product	781087674215
Order code	71A6742001
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700536909
Net Weight (Piece)	14.438 kg

### Dimensional drawing



MH BAL 1500W M48 480V KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1500W M48 480V KIT	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

